

Exercise 2015-10 EB-00001(1) - Products

Simplify:

(1) $(3ab + 1)(3ab - 2)$

(2) $(q - 4p)(q + 4p)$

(3) $(-3 + 5k)^2$

(4) $2(a^2 - 1) + 3(3 + a)^2$

(5) $(m - 3)(m^2 - 3m + 9)$

(6) $\left(\frac{m^2n}{2} - \frac{3}{mn}\right)\left(\frac{mn}{3} - \frac{4}{mn^2}\right)$

(7) $\frac{1}{2}(4p - 12) - (p + 1)(p - 1)$

(8) $-2(x - 3y)^2$

(9) $(y - 2)(y^2 + 4)(y + 2)$

(10) $(2 + k)(4 - 2k + k^2)$